

ICS 35.240.99
CCS B 20

LS

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

LS/T 1707.3-2004

Replacing LS/T 1707.3-2004

**Classification and codes of grain information. Grain storage.
Part 3: Classification and codes of material and equipment
(English Translation)**

Issued on: March 10, 2017

Implemented on: June 1, 2017

Issued by: National Grain Administration

Table of Contents

Foreword

1 Scope

2 Normative references

3 Classification principles and methods

4 Coding method and code structure

4.1 Coding method

4.2 Code Structure

5 Coding principles

6 Equipment Classification and Code Table

13 Sealing material mainly refers to the material of the sealed grain pile

14 Chemical equipment

15 High pressure steel cylinder

16 Insulation materials

17 Fire equipment

18 Grain reactor

19 Plunger thermometer

20 Anti-rat equipment

21 Closing equipment

22 Lighting equipment

23 Walkway board

24 Boots

25 Sample bucket

26 Simple warehouse materials

99 Other equipment a

Foreword

LS/T 1707 "Food Information Classification and Coding Grain Storage" is divided into three parts.

--- Part 1. Classification and code of warehouse operations;

--- Part 2. Classification and code of food situation detection;

--- Part 3. Equipment classification and code.

This part is the third part of LS/T 1707.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This section replaces LS/T 1707.3-2004. The main technical changes compared with LS/T 1707.3-2004 are as follows.

- Removed the "sealing material thickness" that is not part of the original standard;
- According to the current national grain industry management regulations, the addition of "self-contained air breathing apparatus";
- Added "closed equipment", "lighting equipment", "walking board", "boots", "sample bucket" and grease storage and other related equipment.

This part is based on GB/T.20001.3-2015 "Standard writing rules Part 3. Classification standards", GB/T 7027-2002 "Information the basic principles and methods of classification and coding, combined with the main storage equipment in the grain storage enterprises to give a comprehensive code.

This part is proposed by the National Grain Bureau.

This part is under the jurisdiction of the National Grain and Oil Standardization Technical Committee (SAC/TC270).

This section drafted by. Henan University of Technology, National Grain and Oil Information Center.

1 Scope

This part of LS/T 1707 specifies the classification principles and methods of common equipment in grain storage enterprises, code coding methods, and code knots.

Technical indicators such as construction, coding principles, equipment classification and code tables.

This section applies to information processing and information exchange in the food industry.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

General technical requirements for GB/T 8946 plastic woven bags GB/T 24904 grain packaging sack GB/T 24905 grain packaging wheat flour bag GB/T 29890 Grain and Oil

Storage Technical Specifications

3 Classification principles and methods

3.1

This section classifies and codes the common equipment involved in grain storage enterprises.

3.2

This section uses the line classification method.

4.1 Coding method

4.1.1

This part adopts the hierarchical code. The code is divided into three levels, and each level is named as a large class, a small class, and a fine class.

4.1.2

This code is represented by four Arabic numerals. The first layer is represented by two digits and the remaining layers are represented by one digit. level one the code is 11~91, the second layer code is 1~9, the third layer code is 1~9, and each layer code is sequential code.

5 Coding principles

5.1

This code includes common equipment involved in the warehousing enterprise. All code sequences and levels are independent of importance.

5.2

Codes generally do not use the number "0".

6 Equipment Classification and Code Table

Equipment classification and code table, see Table 1.

Table 1 Equipment classification and code

Code name description 11 packaging equipment GB/T 29890

111 Types of packaging equipment 1111 sack GB/T 24904 1112 face bag GB/T 24905

1113 woven bag GB/T 8946 1114 plastic bag 1115 paper bag 1116 hemp rope 1117 oil drum

1119 Other packaging equipment a

112 Packaging Equipment Specifications 1121 standard bag 1122 non-standard bags 1123 standard oil drum 1124 non-standard oil drum 12 cover material

121 The type of cover material mainly refers to the cover material for open storage.

1211 canvas

1212 PVC plastic coated leather 1213 banquet 1214 plastic woven cloth 1215 shade net

1219 Other cover material a

13 Sealing material mainly refers to the material of the sealed grain pile

131 polyethylene

132 PVC

Table 1 (continued)

Code name description 133 composite film

139 Other sealing materials a

14 Chemical equipment

141 gas mask

142 self-contained air breathing apparatus 143 dust mask 144 oxygen mask 145 sprayer

146 latex gloves 147 fumigation tray 148 duster for applying protective agent

149 Other chemical equipment a

15 High pressure steel cylinder

151 oxygen cylinder

152 carbon dioxide bottle 153 phosphine bottle 159 other high pressure cylinders a

16 Insulation materials

161 expanded perlite

162 Expanded meteorite 163 polystyrene foam board 164 polyethylene foam board 165 rice husk 166 felt pad 167 cotton pad 168 airbag

169 Other insulation materials a